

**Transmittal of Patent Application - Rule 1.53(b)**

Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Inventor(s): William Bedingham and Barry W. Robole

Title: **SAMPLE MIXING ON A MICROFLUIDIC DEVICE**

1. ☒ Enclosed is the above-identified new patent application. It includes:  
     19 Pages of Specification (including claims and abstract)  
     29 Number of Claims  
     4 Sheets of Drawings
2. ☐ This application claims priority to Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_.
3. ☒ Enclosed is an executed Declaration and Power of Attorney.
4. ☒ Enclosed is an executed Assignment to 3M Innovative Properties Company and a completed Assignment Recordation Cover Sheet.
5. ☐ Enclosed is a Certified Copy of Priority Document(s) \_\_\_\_\_ (if foreign priority is claimed).
6. ☐ Other enclosures:
7. ☒ The fee for filing this application is computed as follows:

Claims as Filed				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee: \$770.00
Total claims	29 - 20 =	9	x \$18.00	\$162.00
Independent claims	5 - 3 =	2	x \$86.00	\$172.00
Additional fee for filing one or more multiple dependent claims			\$290.00	\$0.00
<b>Total Amount Due</b>				<b>\$1,104.00</b>

8. ☒ Please charge to Deposit Account No. 13-3723 any fees under 37 CFR §§ 1.16 and 1.17, which may be required to file and during the entire pendency of this application. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested. One copy of this sheet marked duplicate is also enclosed.
9. ☒ Enclosed is a return receipt postcard.

Respectfully submitted,

December 12, 2003

Date

By:

Robert W. Sprague, Reg. No.: 30,497  
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Office of Intellectual Property Counsel  
 3M Innovative Properties Company  
 Facsimile No.: (651) 736-3833

**Filing of Papers and Fees by Express Mailing**

Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit

December 12, 2003

Express Mail Label No.

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- ☒ Customer Number for  
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